

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/3/02667

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/34 G01N33/68 C07K16/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q G01N C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, EPO-Internal, MEDLINE, WPI Data, PAJ, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	LEFEBVRE-LEGENDRE LINNKA ET AL: "Identification of a nuclear gene (FMC1) required for the assembly/stability of yeast mitochondrial F1-ATPase in heat stress conditions." JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 276, no. 9, 2 March 2001 (2001-03-02), pages 6789-6796, XP002240870 ISSN: 0021-9258 p. 6792, colonne de droite, l. 16-23 p. 6790, colonne de droite, l. 6-7 --- -/--	20-22

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

25 March 2004

Date of mailing of the international search report

14/04/2004

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INTERNATIONAL SEARCH REPORT

International Application No.

PCT/03/02667

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>CHANG SUN YOUNG ET AL: "Interaction of the C-terminal domain of p43 and the alpha subunit of ATP synthase. Its functional implication in endothelial cell proliferation."</p> <p>JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 277, no. 10, 8 March 2002 (2002-03-08), pages 8388-8394, XP002240871</p> <p>March 8, 2002</p> <p>ISSN: 0021-9258</p> <p>p. 8391, colonne de droite, l. 27-29</p> <p>p.8390, colonne de gauche, l. 29-36</p> <p>p. 8391, colonne de gauche, l. 17-26</p>	20-22
X	<p>MOSER T EL AL: "Angiostatin binds ATP synthase on the surface of human endothelial cells"</p> <p>PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 96, no. 6, 16 March 1999 (1999-03-16), pages 2811-2816, XP002121371</p> <p>ISSN: 0027-8424</p> <p>p. 2812, colonne de droite, 3eme paragraphe</p> <p>p. 2812, colonne de gauche, 2eme paragraphe</p>	20-22
X	<p>US 6 444 431 B1 (PIZZO SALVATORE V ET AL)</p> <p>3 September 2002 (2002-09-03)</p> <p>column 9, line 22 - line 32</p>	21,22
A	<p>SCHÄGGER H ET AL: "Human diseases with defects in oxidative phosphorylation. 2. F1F0 ATP-synthase defects in Alzheimer disease revealed by blue native polyacrylamide gel electrophoresis."</p> <p>EUROPEAN JOURNAL OF BIOCHEMISTRY / FEBS. GERMANY 1 FEB 1995, vol. 227, no. 3, 1 February 1995 (1995-02-01), pages 916-921, XP001157497</p> <p>ISSN: 0014-2956</p> <p>the whole document</p>	1-22

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INTERNATIONAL SEARCH REPORT

Int'l Patent Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>KIM S H ET AL: "Decreased levels of complex III core protein I and complex V beta chain in brains from patients with Alzheimer's diseases and Down syndrome." CMLS CELLULAR AND MOLECULAR LIFE SCIENCES, vol. 57, no. 12, November 2000 (2000-11), pages 1810-1816, XP002240872 ISSN: 1420-682X the whole document</p>	1-22
A	<p>KAGAWA Y ET AL: "REGULATION OF MITOCHONDRIAL ATP SYNTHESIS IN MAMMALIAN CELLS BY TRANSCRIPTIONAL CONTROL" INTERNATIONAL JOURNAL OF BIOCHEMISTRY, vol. 22, no. 3, 1990, pages 219-230, XP009010733 ISSN: 0020-711X the whole document</p>	1-22

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/03/02667

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6444431	B1	03-09-2002	
		US 2003017512 A1	23-01-2003
		WO 03099199 A2	04-12-2003
		US 2004022788 A1	05-02-2004
		AU 761823 B2	12-06-2003
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		EP 1079848 A1	07-03-2001
		JP 2003527068 T	16-09-2003
		WO 9959620 A1	25-11-1999